



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090194-A

Mode: Highway

Status: Submitted

NC-146 (Long Shoals Road)

From/Cross Street: NC 191 (Brevard Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: West of SR 3501 (Clayton Road)

Project Category: Regional Impact

Length: 1.09

TIP#: R-2813A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$15,793,000

Description:

NC 191 to US 25. Widen to Multi- Lanes with Curb and Gutter. Section A: NC 191 (Brevard Road) to West of SR 3501 (Clayton Road).

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 4.80 Congestion (V/C) (25%) 35.26 Safety (10%) 83.67 [Travel Time] Benefit/Cost (25%) 0.29	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 17.74		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 35.26 Safety (10%) 83.67 [Travel Time] Benefit/Cost (20%) 0.29	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 15.48		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.09
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	8400.17
Capacity:	15800.3
Volume/Capacity Ratio:	0.53
% Autos:	95%
% Trucks:	5%
Truck Volume:	440.02
Crash Density:	99.82
Crash Severity:	66.58
Critical Crash Rate:	84.65
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	90
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.09
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	204890.81
Travel Time Savings for 30 Years (Autos):	194158.21
Travel Time Savings for 30 Years (Trucks):	10732.6
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$12,768,000	TIP Unit
Right-of-Way Cost:	\$2,701,000	Cost Estimation Tool
Utilities Cost:	\$324,000	Cost Estimation Tool
Total Project Cost:	\$15,793,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$15,793,000	